

0590
1016

#10



OIPE

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/071,476B

DATE: 10/17/2002

TIME: 09:38:26

Input Set : A:\10933017999.txt

Output Set: N:\CRF4\10172002\J071476B.raw

3 <110> APPLICANT: Chae, Young-Jin
 5 <120> TITLE OF INVENTION: Peptide Vector
 7 <130> FILE REFERENCE: 10933-017-999
 9 <140> CURRENT APPLICATION NUMBER: 10/071,476B
 10 <141> CURRENT FILING DATE: 2002-05-03
 12 <150> PRIOR APPLICATION NUMBER: KR 2001-6587
 13 <151> PRIOR FILING DATE: 2001-02-10
 15 <160> NUMBER OF SEQ ID NOS: 5
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 16
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Leader peptide deduced
 from
 26 peptides with fusion ability
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: N-terminal Gly is acetylated
 31 <220> FEATURE:
 32 <221> NAME/KEY: SITE
 33 <222> LOCATION: 2, 4
 34 <223> OTHER INFORMATION: Xaa = Leu or Ile
 36 <220> FEATURE:
 37 <221> NAME/KEY: SITE
 38 <222> LOCATION: 10, 11
 39 <223> OTHER INFORMATION: Xaa = Arg or Lys
 42 <220> FEATURE:
 43 <221> NAME/KEY: SITE
 44 <222> LOCATION: 13
 45 <223> OTHER INFORMATION: Xaa = Gly, Leu, Ile, Arg, Gln, Asn, Ser
 47 <400> SEQUENCE: 1
 W--> 49 Gly Xaa Gly Xaa Ser Tyr Gly Arg Lys Xaa Xaa Arg Xaa Arg Arg Cys
 50 1 5 10 15
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 17
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: Linker DNA: 5' end of C forms ester bond with Cys
 64 <400> SEQUENCE: 2
 65 ctaatacgac tcactat

17

RAW SEQUENCE LISTING

DATE: 10/17/2002

PATENT APPLICATION: US/10/071,476B

TIME: 09:38:26

Input Set : A:\10933017999.txt

Output Set: N:\CRF4\10172002\J071476B.raw

68 <210> SEQ ID NO: 3
69 <211> LENGTH: 16
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker
76 <400> SEQUENCE: 3
77 tagtgagtcg tattag 16
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 20
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
88 <400> SEQUENCE: 4
89 tgaaggtgat gcaacatacg 20
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 20
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
100 <400> SEQUENCE: 5
101 gtcttgtagt tcccgtcatc 20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/071,476B

DATE: 10/17/2002
TIME: 09:38:27

Input Set : A:\10933017999.txt
Output Set: N:\CRF4\10172002\J071476B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,4,10,11,13

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/071,476B

DATE: 10/17/2002

TIME: 09:38:27

Input Set : A:\10933017999.txt

Output Set: N:\CRF4\10172002\J071476B.raw

L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
